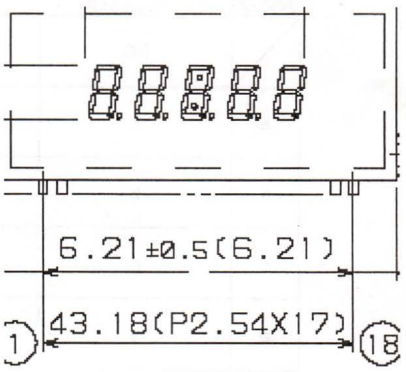
PIN CONNECTION

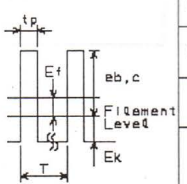
PIN NO.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
CONNECTION	NX	F−	g	f	5G	e	4G	d	i	3G	h	c	2G	b	1G	a	F+	NX

NOTE 1) F−, F+ --- Filament
2) NX ------ No extend pin
3) DL ------ Datum Line
4) 1G~5G --- Grid
注) 1, 18PINは, 丸棒リード溶接なしとする



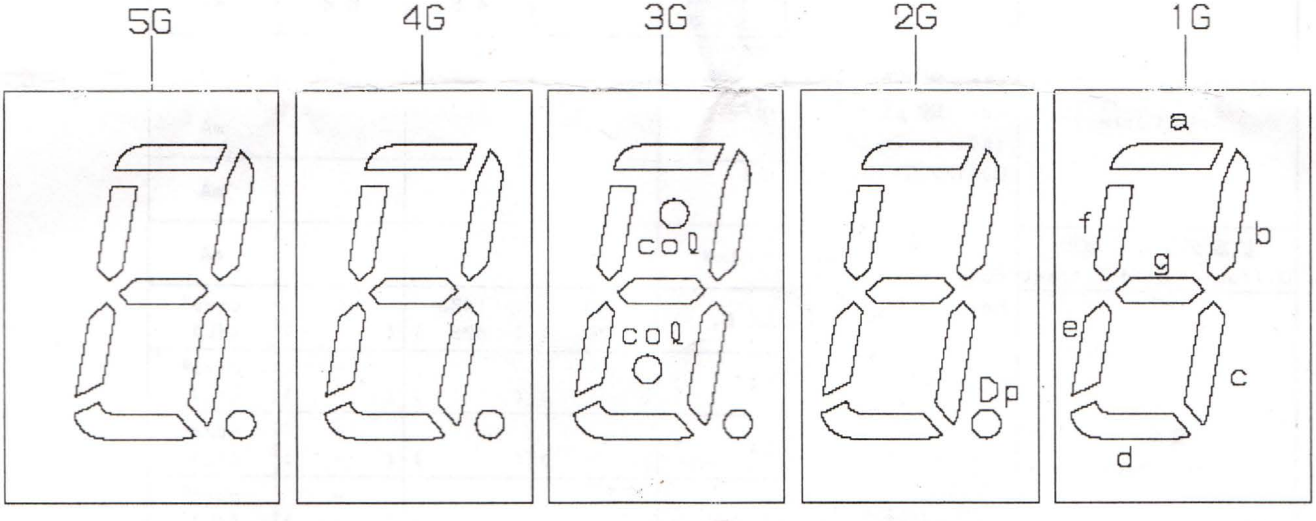
電気的特性:Electrical Characteristics

Item	Test Condition	Symbol	Min.	Typ.	Max.	Unit
フィラメント電流 Filament Current	Ef= 1.7Vdc eb=ec=0	If	67	75	83	mA
アノード電流 Anode Current	Ef= 1.7Vdc ec= 24Vp-p eb(G.)= 24Vp-p	Ib/1G,2G 4G,5G	−	3.0	5.0	mA
		Ib/3G	−	3.5	5.0	mA
		Ib/	−			mA
		Ib/	−			mA
		Ib/	−			mA
グリッド電流 Grid Current	Ek= 2.0Vdc tp= 80 μs tblank= 20 μs Du=1/7.5	Ic/1G,2G 4G,5G	−	4.5	8.0	mA
		Ic/3G	−	4.0	7.0	mA
		Ic/	−			mA
		Ic/	−			mA
拡散グリッド電流 Diffusion Grid Current	Ecd= Vdc Rd= kΩ	Icd	−	−		mA
輝度 Luminance N		L(G.)	700 (204)	1400 (409)	− (−)	cd/m² (fL)
		L( )	( )	( )	− (−)	cd/m² (fL)
		L( )	( )	( )	− (−)	cd/m² (fL)
		L( )	( )	( )	− (−)	cd/m² (fL)
輝度比 Luminance Ratio between Digits		Lmax / Lmin	−	−	2	
グリッド消去電圧 Grid Cut-Off Voltage	Ef= 1.7Vdc Eb= 24Vdc Ec=vary	Ecco	−2.0	−	−	Vdc
アノード消去電圧 Anode Cut-Off Voltage	Ef= 1.7Vdc Du=1/1.75 tp= 80 μs ec= 24 Vp-p Eb=vary	Ebco	−0	−	−	Vdc



形名 Type No.5-BT-83GK/GLBK/GLAK/GN

(S-4916GN, S-4968GN)

ANODE CONNECTION

	5G	4G	3G	2G	1G
a	a	a	a	a	a
b	b	b	b	b	b
c	c	c	c	c	c
d	d	d	d	d	d
e	e	e	e	e	e
f	f	f	f	f	f
g	g	g	g	g	g
h	Dp	Dp	Dp	Dp	-
i	-	-	col	-	-